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TITLE: STABILIZATION OF BROMINE-CONTAINING FLUOROCARBON

PUBN-DATE: October 23, 1989

INVENTOR-INFORMATION:

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ASAHI GLASS CO LTD

APPL-NO: [REDACTED]

APPL-DATE: April 15, 1988

US-CL-CURRENT: 252/407; 570/117

INT-CL (IPC): C07C 19/08; C07C 17/42

ABSTRACT:

PURPOSE: To improve stability of bromine-containing fluorocarbon, useful as a blowing agent, aerosol, solvent, etc., to alcoholic hydroxyl group, by using an acrylic acid ester or methacrylic acid ester a stabilizer.

CONSTITUTION: In using (A) is bromine-containing fluorocarbon unstable to an alcoholic hydroxyl group, preferably dibromofluoromethane and (B) an alcoholic hydroxyl group-containing compound, the component A and the component B or a mixture thereof is blended with $\geq 0.001\text{wt.}\%$, preferably 0.01-5.0wt.% based on the component A of an acrylic acid ester or methacrylic acid ester, especially the ester containing one or more of hydroxyl group, ether group and epoxy group to suppress decomposition of the component A and to improve storage stability of polyol especially containing the component A as a blowing agent without exerting a bad influence on formation of polyurethane foam.

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